

(An Autonomous Institution - A PRIVATED TO ANNA UNIVERSITY CHEMIAN 8-P.G.Childamhara Nadar - C Nagammal Campus 5-P.G.C. Nagar, K Vellakuturn - 825-701 (Near VIRUDHUNAGAR)

DEPARTMENT OF CIVIL ENGINEERING

Circular

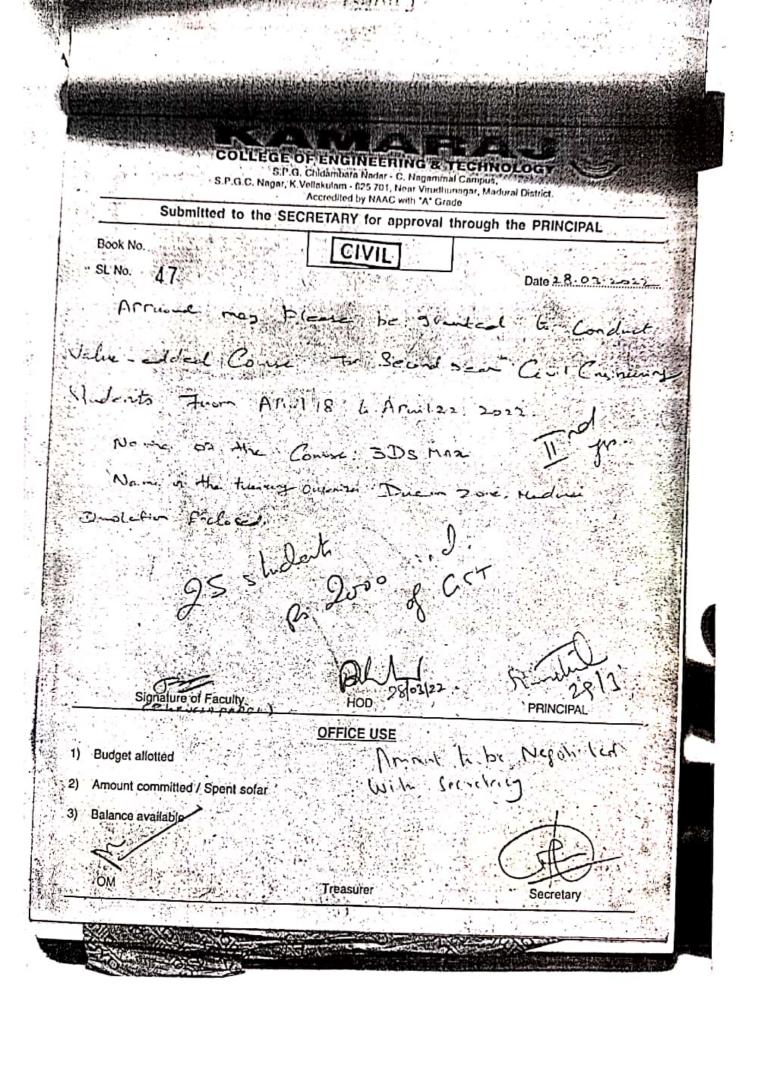
19.04.2022

This is to inform that as per R2020 Curriculum requirement, a value-added course on 3DS Max for second-year Civil Engineering students from 20.04.2022 to 23.04.2022 is planned. All second year students are instructed to attend the training without fail. Training will be conducted as per regular timing and resource person from Dream Zone, Madurai will be offering training.

HOD/CIVIL

Copy to:

- To be read in second year Civil Engineering class
- o Dean Academics
- o IQAC Cell
- o Department notice board



Department of Civil Engineering

Value Added Course on 3D Studio Max

Course Outcome

To make the students to learn about 3D building modelling.

Day 1

Overview - Visualization Workflow - The Autodesk 3ds Max Design Interface - Preferences-Setting the Project Folder- Configure Paths - Display Drivers- Viewport Display and Labels-Viewport Navigation- Viewport Configuration - Object Selection Methods - Units Setup- Layer and Object Properties

Day 2

Data Linking and Importing- Linking Files- References- Model with Primitive- Applying-Transforms- Sub-Object Mode- Reference Coordinate Systems and Transform Centers -Cloning and Grouping - Polygon Modelling Tools in Ribbon -Statistics in Viewport - 3D Modeling from 2D Objects - The Lathe Modifier - 2D Booleans - The Extrude Modifier

Day 3

Introduction to Materials- Understanding Maps and Materials- Managing Materials - Standard Materials - Material Shaders - Assigning Maps to Materials- Opacity, Bump, and Reflection - Mapping

Day 4

Mapping Coordinates - Local vs. Global Illumination - Standard Lighting - Types of Standard Lights- Shadow Rendering Options- Rendering - Single vs. Double-Sided- Cameras - Background Images - The Print Size Wizard- Animation and Time Controls- Animation Output



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DEPARTMENT OF CIVIL ENGINEERING

MINUTES OF THE MEETING OF FOURTH BOARD OF STUDIES MEETING HELD ON 15-03-2022 AT 2:00 PM IN ONLINE MODE TOWARDS CONSIDERING THE PROPOSED R2021 UG PROGRAMME, B.E. - CIVIL ENGINEERING CURRICULUM & SYLLABI (III SEMESTER AND IV SEMESTER), UG RELATED AMENDMENTS AND DISCUSSIONS, COMMON CURRICULUM IN THE DEPARTMENT OF CIVIL ENGINEERING.

Platform: Microsoft Teams

Meeting Link: https://tinyurl.com/2ajaedwh

Dr. R. Lakshmi / Head of the Department - (Department of Civil Engineering) welcomed all the members of the Board of Studies and Faculty members of Civil Engineering department to the fourth BOS meeting.

The following members were present:

S.No	Name of the Expert	Designation	Capacity
1	Dr.G.Chitra	Professor Department of Civil Engineering Thiagarajar College of Engineering Madurai	Anna University Nominee
2	Dr.S.Jayalekshmi	Professor Department of Civil Engineering NIT	Expert member Nominated by Academic council

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	S	4		
	Er.P.Karthick	Er L. Balaji	Dr.G.Janarhanan	
Chennai	Project Associate SERC	International Professional Engineer Industrialist No.	Associate Professor Center for Environmental Management NITTTR CSIR Road Chennai	Trichy
	Alumni Nomine	Industrialist No.	Nominated by Academic coun	/
	2	=	5 9 2 2	

	The state of the s
SNo	Name
Ē	Dr.R.Lakshmi
12	Dr. S.P.Murali Kannan
-	Mrs.S.Thahira Banu (Ph.D.,)
4.	Mr.P.Ponkarthikeyan (Ph.D.,)
'n	Mr.N.Jegan Durai (Ph.D.,)
9	Mr.D.Velumani (Ph.D.,)
	Mr.A.Krishnamoorthy
	Mr.M.Subahar (Ph.D.,)
,6	Mr.P.Ganesh Prabhu (Ph.D.,)
0.	Mrs. B. Deepa (Ph.D.,)
	Mr.R.Ganesh
1	NS.3.Brintha
2 2	Mrs.K.Sangeetha
	A. C. STATISTICAL

curriculum and syllabi of 3rd and 4th semester of Civil Engineering and Mr.N.Jegan Durai recommendations received from all stakeholders for Regulation 2021 and presented the same. Department BOS Co-ordinator)continued with detailed explanation of the suggestions and Co-ordinator UG Courses)started the general discussion with R2021 UG Programme fom the Department of Civil Engineering, and the programme agenda. Dr.S.P.Murali Kannan athering and gave a brief introduction about the Expert members, alumni and faculty members Dr.R.Lakshmi (Head of the Department) Department of Civil Engineering welcomed the

Discussions and Recommendations:

- the Third BoS meeting. HOD/CIVIL gave a brief presentation about the department and review of the Minutes of
- B.E. Civil Engineering for B.E. CIVIL (3rd and 4th semester.) Mr.N.Jegan Durai (Department BOS Co-ordinator) presented the R2021 UG Curriculum,

CURRICULUM - III AND IV SEMESTER (R2021) SEMESTER III

						5		STORES OF STREET
			CATEG	P	PERIODS	8	TOLAL	CICEDIA
			ORY		PER		CONTACT	
12	COURSE			_	WEEK	_	PERIODS	
ě	CODE	COURSETITLE		-	-	φ.		
THEORY	ORY							
		Transforms and Boundary						
	MA2201	Value Problems	BS	u	-	0	•	
ы	CE2201	Construction Materials	25	۳.	0	0	ı	u
-	CE2202	Fluid Mechanics	PC	-	0	0	w	u
*	CE2203	Mechanics of Solids	75	L	۰	0	u	u

Page 2of S

			TOTAL	21	1	10	32
10.	SH2201	Interpersonal Skills - Listening and Speaking	EEC	0	0	2	2
9.	CE2206	Surveying Laboratory	PC	0	0	4	4
8.	CE2205	Computer Aided Building Drawing Laboratory	PC	0	0	4	4
PRA	CTICAL			_	_	_	
7.	Audit Cou	ne-I		3	0	0	1
6.	GE2201	Design Thinking	- 00	_	_	_	
5.	CE2204	Surveying	GE	7	0	0	3
			TPC	3	0	0	3

SEMESTER IV

SL	COURSE		CATEG		RIOI WE		TOTAL	
No.	CODE	COURSE TITLE	ORY	L	т	P	PERIODS	CREDI
HE	ORY							CKED
		Probability, Statistics and			Г			T
1.	MA2251	Numerical Methods	BS	3	1	0	4	4
		Applied Hydraulic						-
2.	CE2251	Engineering	PC	3	0	0	3	3
3.	CE2252	Concrete Technology	PC	3	0	0	3	1
4.	CE2253	Construction techniques, Equipment and Practice	PC	3	0	0	3	,
5	CE2254	Soil Mechanics	PC	3	0	0		3
6.	CE2255	Strength of Materials	PC	3	1	0	4	-
	Audit Course	-11						
7				3	0	0	3	0

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10.	HS1421	Reading and Writing	EEC	0	0	2	2	1
		An Introduction to Advanced				_		
9.	CE2257	Soil Mechanics Laboratory	PC	0	0	4	4	2
8.	CE2256	Strength of Materials Laboratory	PC	0	0	4	- 4	2

ONLINE COURSES

List of Online Courses (NPTEL / Swayam) - need to be updated based on the courses available during the respective semester.

LIST OF VALUE ADDED COURSES

Year	Course Name	
II	Microsoft office and Sketchup	
111	Revit Architecture and Total Station Surveying	
IV	Navisworks and Tekla Structures	

The following suggestions were given by the BOS Members:

- HOD/CIVIL briefed about the minutes of the previous BoS meeting to all the stakeholders.
- Approval of Third BoS recommendations was reviewed and accepted by the committee.

Minutes of Meeting of IV BoS:

- Following the above discussions the Amendments made in UG- syllabus and online courses were also briefed.
- Dr.G. Chitra, Anna University Nominee suggested that two units of geology mentioned in the course - Construction materials can be combined as one unit. Recommended that additional weightage be allotted in the subject Construction Page 50f8



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DEPARTMENT OF CIVIL ENGINEERING

Three Members Committee - Minutes of Meeting for Value Added Course

Date: 06.03.2022

:	06.03.2022 3 pm
:	3 pm
:	Three Members Committee Member
	1.Dr.R.Lakshmi, HOD/Civil
	2.Mr.M.Subahar, AP/Civil
	3.Mr.P.Ganeshprabhu, AP/Civil
	UG Coordinator
	4. Dr.SP.Muralikannan
:	A three member committee has been formed and a meeting is
	organized to select value added course for third year Civil
	Engineering students.
	Meeting stared by 3pm. Dr.R.Lakshmi, HOD/Civil, welcome the
	gathering.
	Mr.M.Subahar, AP/Civil subject expert has proposed various
	courses. Those courses are listed below.
	1. MS Office
	2. Sketchup
	3. 3DS max

Due to the increased demand for 3D modeling, Dr.R.Lakshmi, HOD/Civil, has recommended to offer 3DS Max.

Mr.M.Subahar, AP/Civil, Subject Expert has recommended this course because these students already studied Autocad during their third semester. As a result, this course will focus on drafting and 3D modelling software.

Dr.SP.Muralikannan, UG Coordinator and P.Ganeshprabhu, Placement Coordinator, have also recommended to offer 3DS Max course. Since most of the companies demand 3D building modeling practices as a recruitment criteria,

Based on the suggestion given by the committee, the 3DS Max course was accepted to be conducted as a value-added course for third-year Civil Engineering students.

Justification for the course selection:

This course will improve employability skills

2. This course will improve their creativity level

3. This course will support students to satisfy industry needs

G Coordinator

SP.Muralikannan

Subject Expert

Mr.M.Subahar

Value Added Course coordinator

Mr.P.Ganeshprabhu

HOD/Civil

Dr.R.Lakshmi



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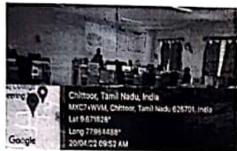
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Department of Civil Engineering

Value Added Course on 3D Studio Max

Geo-Tagged Photos

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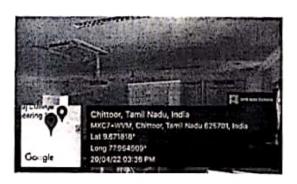




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y 3



Day 4



Value Added Course

YUVARAJ S

value added course "3Ds MAX" from the CIVIL department, Kamaraj is being awarded this certificate of achievement for completing the College of Engineering & Technology, which took place from April 20, 2022 to April 26, 2022.



MANAGING DIRECTOR DREAMZONE MADURAI



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Department of Civil Engineering

Value Added Course on 3DS Max

EXAMINATION SCHEDULE

Date	Time	3 1113			
	111116	Roll Number	Venue		
25.04.2022	1 pm to 4 pm	2000:001 - 20			
	- Part to 7 pan	20uci001 to 20uciv025	Civil CADD Lab		

falue Adord Course In-charge

HOD/CIVIL

3DS MAX
Test
avrp.ganeshprabhu@gmail.com Switch account
⊘
• Required
Email *
Your email
How Many number of viewport layouts are there? • 1 point
0 7
04
O 10
O 14
Pandering to test and an extension to the
Rendering to texture and texture baking are both same? * 1 point
O True
O False

P

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...

	produced by 3DS Max?		
	Which company Developed and Produced by 3DS Max? *	NEW York of	
	MicroSoft Corporation	Which Modifiers give Thickness to the surface Object?	
	Autodesk Media and Entertainment	○ Taber	
	Research Engineers International	○ Shelf	
	O Brendan Eich	O Slice	
		O Twist	
	to in US standard Units? *		
	How many option in US standard Units? *	spot light casts a focused beam of light like a flash light?	
	O 5	O True	
	04	O False	
	O 3	O raise	
	0 •		
		Relax Modifiers change the appearnt surface tension in a Mesh? * 1 point	
	Which option will connect two polygons with polygon? *	O Trin	
		O False	
	○ Extrude		
	Bridge	Which option all	
	O Bevel	Which option will completely separate the selected polygons/elements? * 1 point	
	O connect	O Editable Spline	
		O Editable Poly	
	how many Types of Constraints are there in edit poly? * 1 per	O Editable patch	
	O 5	O Editable Mesh	
	0.7		
	04		
	O 6		
2.0			
heps riduct	s. googie comformalisen's Arcasisto Hatapehoyzo communicativas 3960-e/02/C/01/1TCep0Mentom?pii=1	Single combines Worlf AlgOLS 55 h In 81 of PEHey 75 of MYUWAYAWA 2000 & OLD COYyTT Cop Owner turn 1964 t	39

NON THAN BEOM CONTINUES OF AND LEEN INSTAFE HEIZEROHATULAN NOLLZERO DOLTONYTT COPONIEM form 7 plis I		O Merror O Non of the above	Which tool allows you to create multiple objects in form of Row, column • 1 passe and circular?	Which Modifiers will extrude the 2D shape in different levels? * O ten O scatter O connect O Proboolean	Which command you can create copies, instances or references of a selected objects or a set of objects? O selection O clone O Edit
Proper description of Application in a Laboratory and Advisor Advisory and Advisory	O Yellow O Blue	The Y axis is displayed using what color?* O Red	O Option 1	How Many types of Material Editor? •	What does the G key do? . C Enable the Viewport O Hide Grid View in the Active Viewport O settings for Grid Changes O None Of the above



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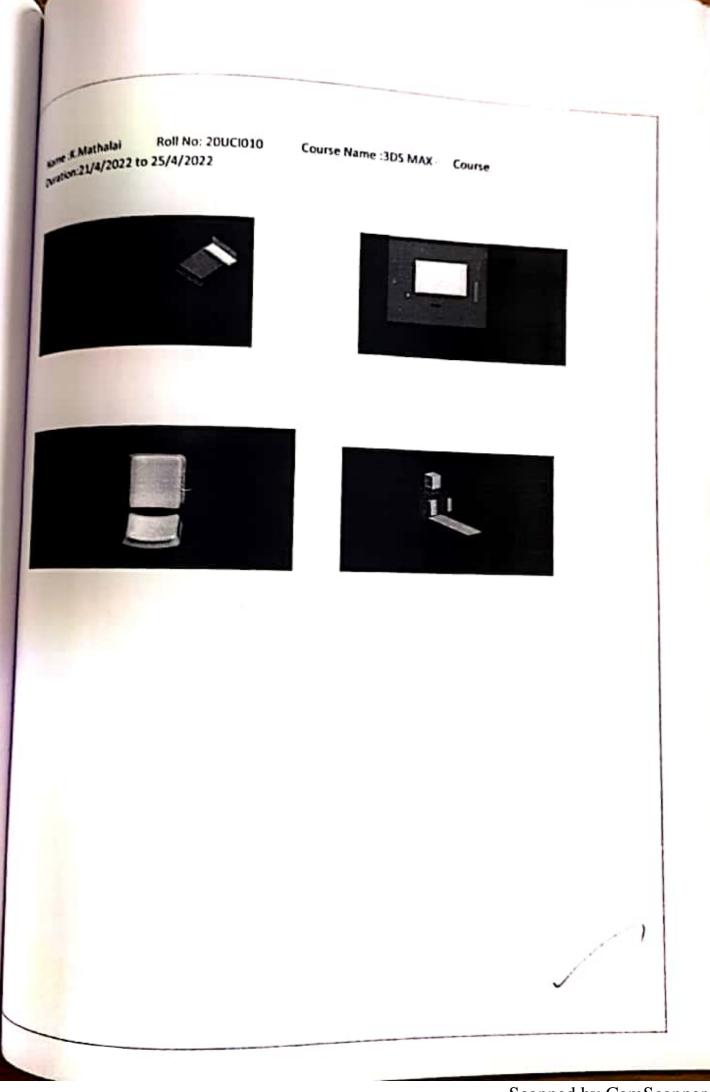
Value Added Course on 3D Studio Max

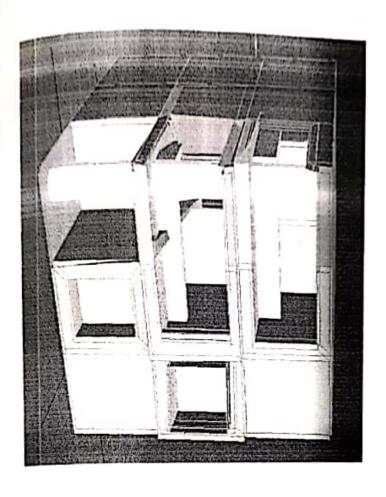
Attendance Sheet

Course Content: Basic Tools Ir Sdyman. Name of the Trainer: M. USHA RANI Date: 20.04.2022 GOPINATH. N

SL No.	Roll No.	Student Name	Signature
1.	20UCI001	ATCHAYA DEVI N.V	
2.	20UCI002	VASANTHASENA V	NV-Alchander
3.	20UCI003	MUGESH G	Y. Mme -
4.	20UC1004	JOTHIBASU R	BT: MS2
5.	20UCI005	THALAIMALAIN	Dest_
6.	20UCI007	BALAGURU T	N. Rulimell
7.	20UCI008	YUVARAJ S	5.022
δ.	20UC1009	HARI VIGNESH L	Hungris
9.	20UCI010	MATHALAI K	K. Nother.
10.	20UCI011	BHARATH S	S. Blossoth
11.	20UCI012	INBARASU J	T. Sincahu
12.	20UCI014	AGILESH KARTHICK J.L	Arilablattick
13.	20UCI015	SVEDHAA DHARSHINI K	k Sychen Hartini
14.	20UCI016	JENIFER J	J. Tenifor
15.	20UCI017	ROOPATH K	dille-
16.	20UCI018	JANARTHANAN A	A. Jacker
17.	20UCI019	ROUF RAYAZ NAIK	sul will
18.	20UCI021	SRIHARI K	KRA
19.	20UC1023	MOHAMED ARSHATH S	Atolows. 2
20.	20UCI024	JAI BALA GANESH	P. 211114
	20UCI025	BALAGURU	7.3.1
	20UCIV026	KARTHIK RAJA.S	8. K. JULL
	20UCIV027	SAI KUMAR.M	M. Sai Iruman
	20UCIV028	KABILAN.S	5.K.J.
25.	20UCIV029	SURESH KUMAR.	P. BLLL

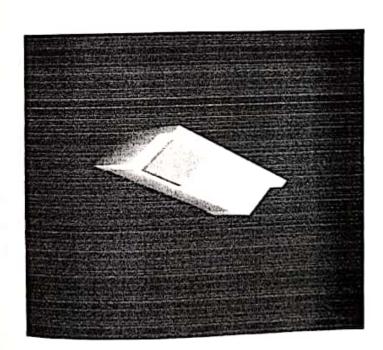
HOD/CIVIL





Name:P.Sureshkumar Rollno: 20uci029 ORD OCORUSI

Duration:21.04.2022 To 25.04.2022

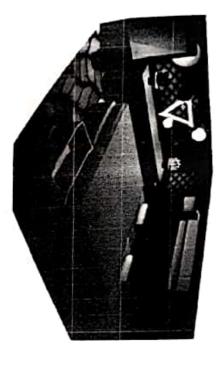


VALUE ADDED COURSE: AUTODESK 3DS MAX

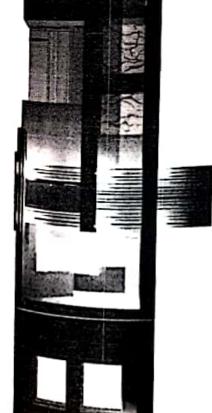
COURSE DURATION: 21/4/2022 to 25/4/2022

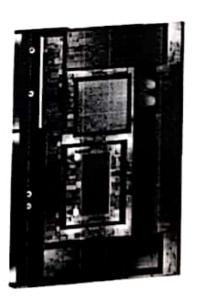
ROLL NO: 20UCI004

NAME: R. JOTHIBASU













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Department of Civil Engineering

Value Added Course on 3DS Max

Test Report

Date: 25.04.2022

Sl. No.	Roll No.	Students	Anal	Assignment Session: AN		
		Student Name	Assignment 30 Marks	Assessment	Total	
1.	20uci001	N.V.ATCHAYA DEVI		70 Marks	100 Marks	
2.	20uci002	V.VASANTHASENA	26	65	91	
3.	20uci003	G.MUGESH	28	68	96	
4.	20uci004	R.JOTHIBASU	29	69	98	
5.	20uci005	N.THALAIMALAI	27	67	94	
6.	20uci008	S YUVARAJ	14	55	69	
7.	20uci009	L.HARIVIGNESH	28	68	96	
8.	20uci010	K.MATHALAI	28	68	96	
9.	20uci011	S.BHARATH	28	68	96	
10.	20uci012	J.INBARASU	29	67	96	
11.	20uci014		16	59	75	
12.	20uci015	J.L.AGILESH KARTHICK	29	69	98	
13.	20uci016	K.SVEDHA DHARSHINI J.JENIFER	26	65	91	
14.	20uci017		27	66	93	
15.	20uci017	K.ROOPATH A.JANARTHANAN	29	69	98	
16.	20uci019	ROUF RAYAZ NAIK	29	69	98	
17.	20uci013	S.MOHAMED ARSHATH	29	63	92	
18.	20uci024	P.JAI BALA GANESH	29	69	98	
19.	20uci025	T.BALA GURU	29	68	95	
20.	20uci026	S.KARTHIKRAJA	17	68	97	
21.	20uci027	SAI KUMAR	18	60	77	
22.	20uci028	S. KABILAN	29	57	75	
23.	20uci029	P.SURESH KUMAR	17	69	98	
24.	20uciv021	K.SHRI HARI	16	62 56	79	
25.	20uciv025	T.BALAGURU	21	63	72	
		()		03	84	

Value Added Course In-charge

HOD/CIVIL

DEAN ACADEMIC 41) [

Over all Feedback-Value Added Course- 3DS Max

21

Responses

01:00

Average time to complete

Active

Status

1. Your Name

21

Responses

Latest Responses

"K.Svedhaa Dharshini"

"Balaguru.T"

Jothibasu R

2 respondents (10%) answered T BALA GURU for this question.

Kshrihari

gmugesh

AJanarthanan

KSvedhaa Dh

Sai Kumar Suresh Kumar

Thalaimalai ROUF

S Mohamed Arshath T BALA GURU Kumar

RAYAZ NAIK Kabilan Jothibasu R

KRoopath Agilesh kar

Responses 21

Latest Responses

700imor .510!XX

100 × 100

2 respondents (10%) answered 200Cl025 for this question

20uci007

20uci027

20uci016

20uci005 20uci021 20UCI025 20uci028 20uci002 20UCI025

6. Whether the instructor encouraged the interaction?

20uci0

Strongly agree

Completely agree

Agree

20uci018 20uci023

20uci003 29uci029

20uci004

Were objectives of the Value added course me?

Agree Strongly agree

Completely agree

- Partly Agree
- Diagree

4. Was the programme sequence well planned?



Disagree Partly Agree Š Strongly agree Completely agree

Rigs films office combagnedesgroagev2.asprillangren-USAergrenOfficeDotConditatie+Start&sessionid+Start&sesSch478-9746-09151)

The state of the s

7. The information presented at this training was highly beneficial?

Completely agree

Partly Agree Disagree Strongly agree Agree



8. Organization of the training was Good

Completely agree

Strongly agree

Partly Agree Agree

Disagree





Over at Freediack-Value Added Course: 305 Max

5. Were the lectures clear and easy to understand?

- Completely agree Strongly agree
- Disagree Partly Agree Agree



Disagree

Partly Agree

9. How Helpful was the programme?

21

3.90

Average Number

Responses

10. Comments/Suggestions

19

Responses

Latest Responses

"very use full course"

"Need one more session if possible in the college"

2 respondents (11%) answered NIL for this question.

No other suggestions NTHG session III grade progra course Nooo possible college good suggestions



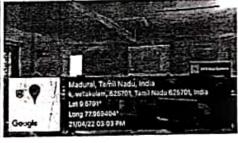
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DEPARTMENT OF CIVIL ENGINEERING

Report on Value Added Course on 3DS Max

To improve the employability skills of the students, the Department of Civil Engineering, in association with Dream Zone, Madurai, has conducted a value-added course on 3DS Max, a 3D Modelling Software for second-year Civil Engineering students from 20.04.2022 to 25.04.2022. During the course, the students prepared various models like furniture, showcases, etc. On 24.05.2022 and 25.04.2022, the students created a 3D view of a building. The feedback received from the students was shared with the trainer. As per the instructions received from our dean academic, on Thursday afternoon, the online assessment was conducted for the students. Day to-day feedback was collected. The photographs of the sessions are given below.







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HOD/CIVIL